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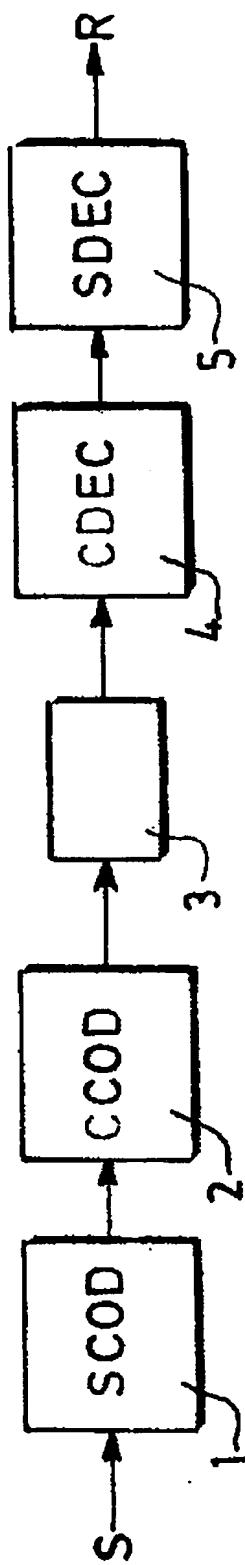
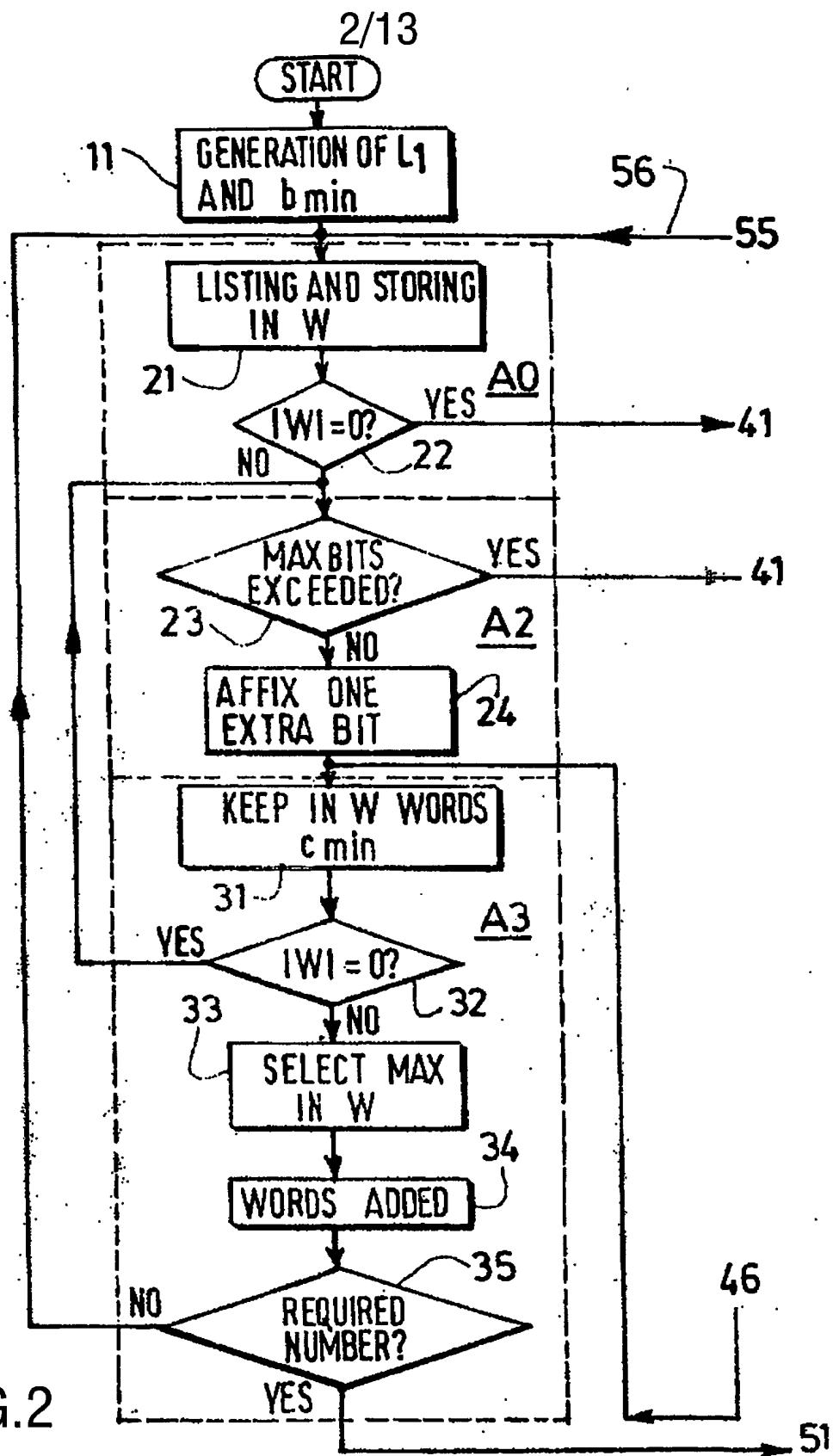


FIG. 1



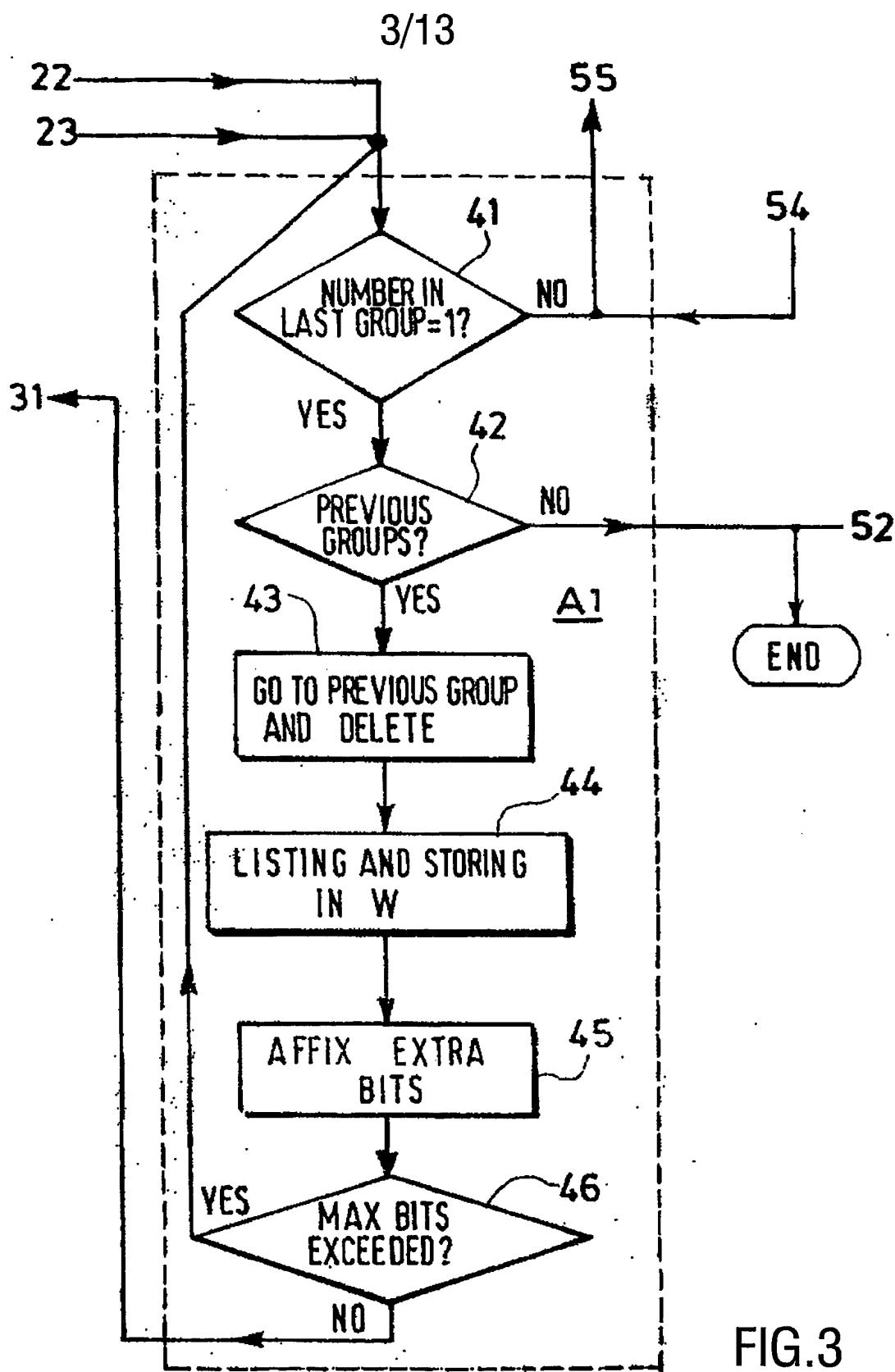


FIG.3

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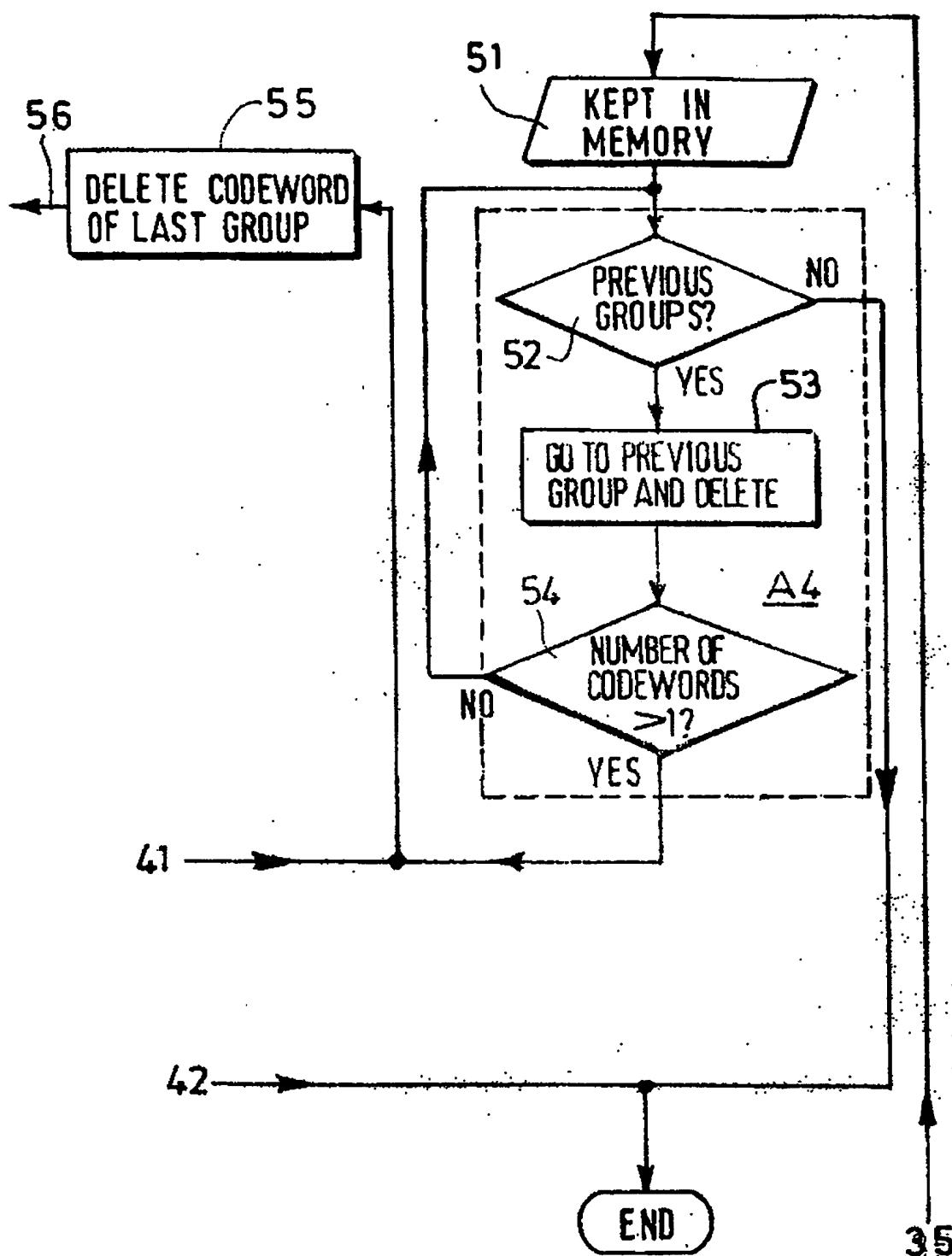


FIG.4

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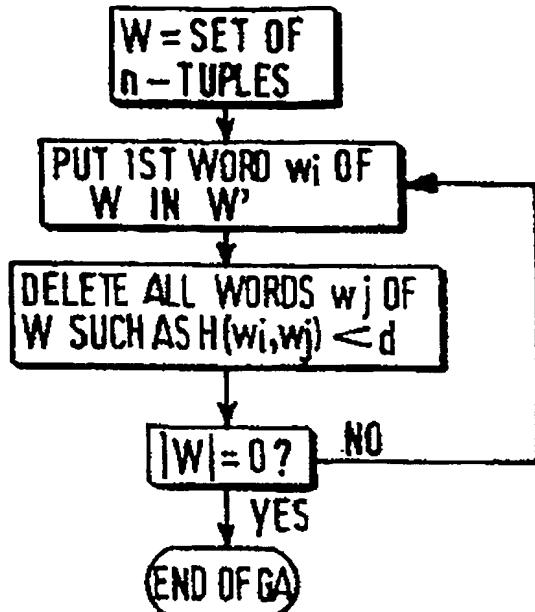


FIG.5

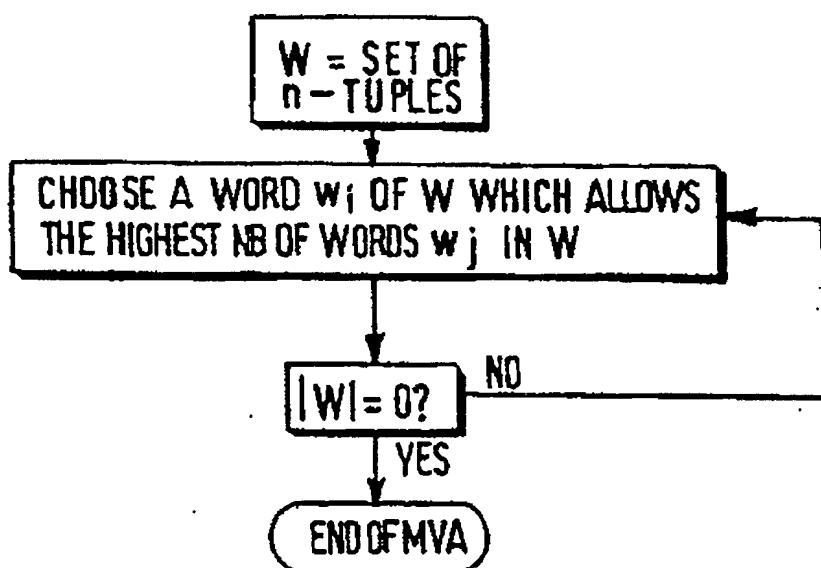


FIG.7

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CODE STRUCTURE		
dfree	AL	TIME
3	6,4946	4s
		{1@ 4,-; 1@ 5,-; 3@ 6,3; 8@ 7,3; 4@ 8,3; 3@ 9,3; 1@ 10,-; 2@ 11,4; 1@ 12,-; 1@ 13,-; 1@ 14,-; 2,1}
5	8,5051	15s
		{1@ 6,-; 2@ 7,5; 3@ 8,5; 4@ 9,5; 4@ 10,5; 5@ 11,5; 5@ 12,5; 2@ 13,5; 3,2}
7	10,79	2 min
		{1@ 8,-; 2@ 9,7; 2@ 10,7; 3@ 11,7; 4@ 12,7; 4@ 13,7; 6@ 14,7; 4@ 15,7; 4,3}

FIG. 6

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d free	AL	TIME	CODE STRUCTURE
3	6.3038	50s	{1@4,-;2@5,4;4@6,3;6@7,3;5@8,3;5@9,3;2@10,4;2@11,3;2,1}
5	8.4752	16min	{1@6,-;1@7,-;4@8,5;5@9,5;5@10,5;5@11,5;5@12,5;3,2}
7	10.7365	14h	{1@7,-;1@8,-;1@9,-;1@10,-;3@11,7;4@12,7;5@13,7;5@14,7;5@15,7;4,3}

FIG.8

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SOURCE SYMBOL	PROBABILITY
e	0,1270
t	0,0906
a	0,0817
o	0,0751
i	0,0697
n	0,0674
s	0,0633
h	0,0609
r	0,0599
d	0,0425
l	0,0403
c	0,0278
u	0,0276
m	0,0241
w	0,0236
f	0,0223
g	0,0202
y	0,0197
p	0,0193
b	0,0149
v	0,0098
k	0,0077
j	0,0015
x	0,0015
q	0,0010
z	0,0007

FIG.9

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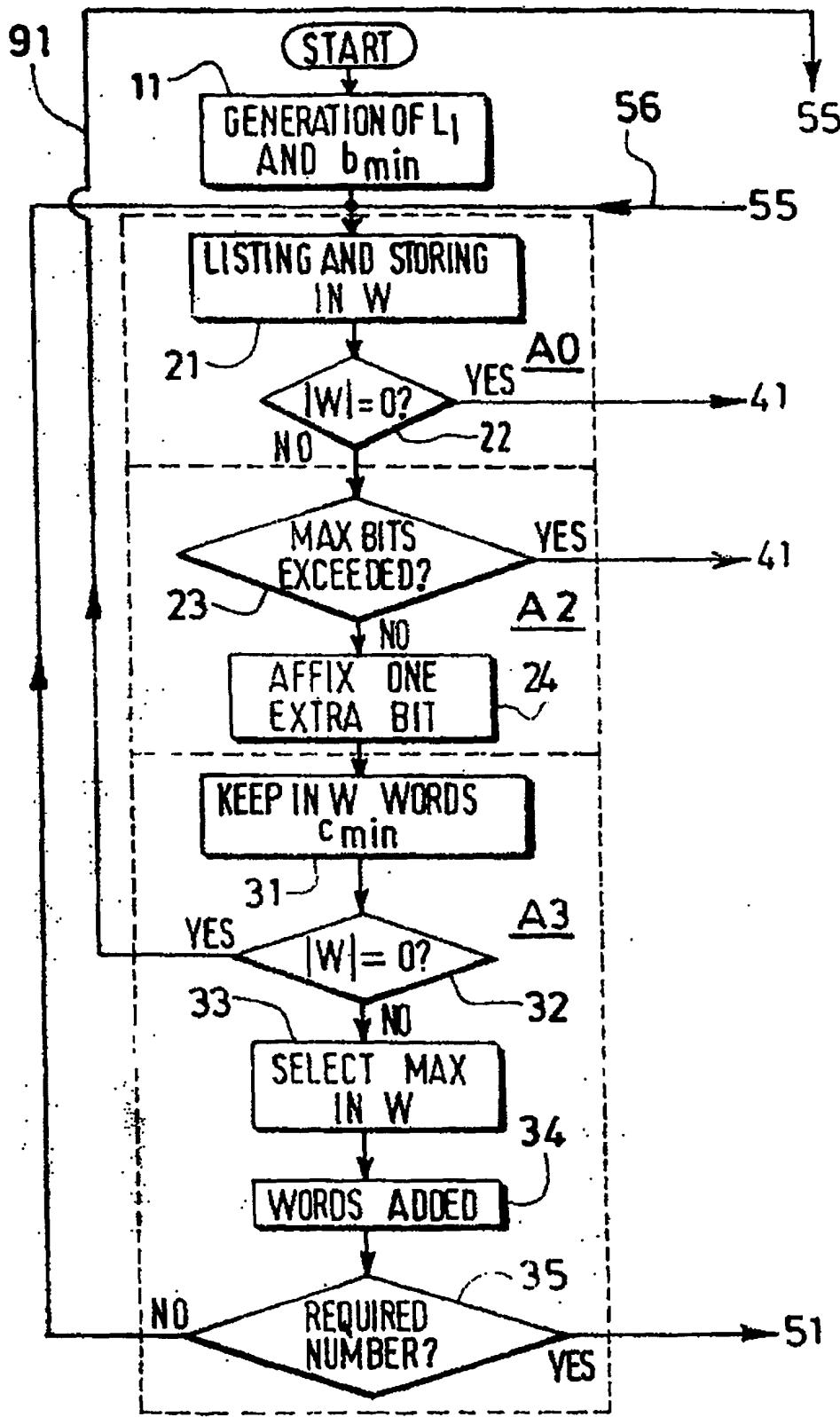


FIG.10

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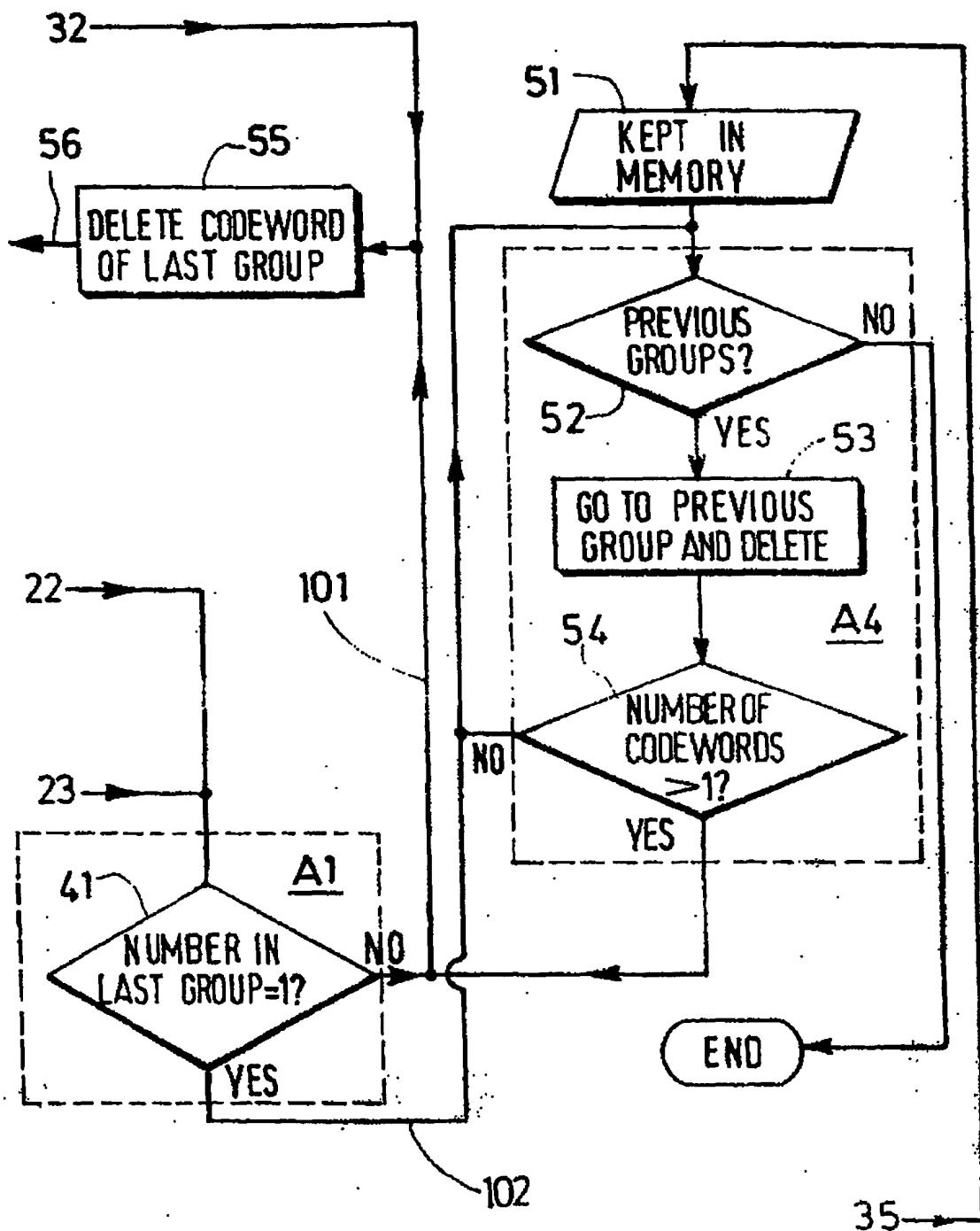


FIG.11

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dfree	AL	TIME	CODE STRUCTURE
3	6,3494	4.2s	1@ 4,-; 1@ 5,-; 5@ 6,3; 6@ 7,3; 4@ 8,3; 4@ 9,3; 1@ 10,-; 1@ 12,-; 2@ 13,-; 1@ 14,-; 2@ 11
5	8,5061	3min	1@ 6,-; 2@ 7,5; 3@ 8,5; 4@ 9,5; 5@ 10,5; 5@ 11,5; 5@ 12,5; 2@ 13,5; 3,2
7	10,79	13min	11@ 8,-; 2@ 9,7; 2@ 10,7; 3@ 11,7; 4@ 12,7; 4@ 13,7; 6@ 14,7; 4@ 15,7; 4,3

FIG. 12

dfree	AL	TIME	CODE STRUCTURE
3	6,3530	17s	11@ 4,-; 1@ 5,-; 5@ 6,3; 6@ 7,3; 4@ 8,3; 3@ 9,3; 2@ 10,4; 2@ 11,3; 1@ 12,-; 1@ 13,-; 2@ 11
5	8,5061	4.5s	11@ 6,-; 2@ 7,5; 3@ 8,5; 4@ 9,5; 4@ 10,5; 5@ 11,5; 5@ 12,5; 2@ 13,5; 3,2
7	10,79	3min	11@ 8,-; 2@ 9,7; 2@ 10,7; 3@ 11,7; 4@ 12,7; 4@ 13,7; 6@ 14,7; 6@ 15,7; 4,3

FIG. 13

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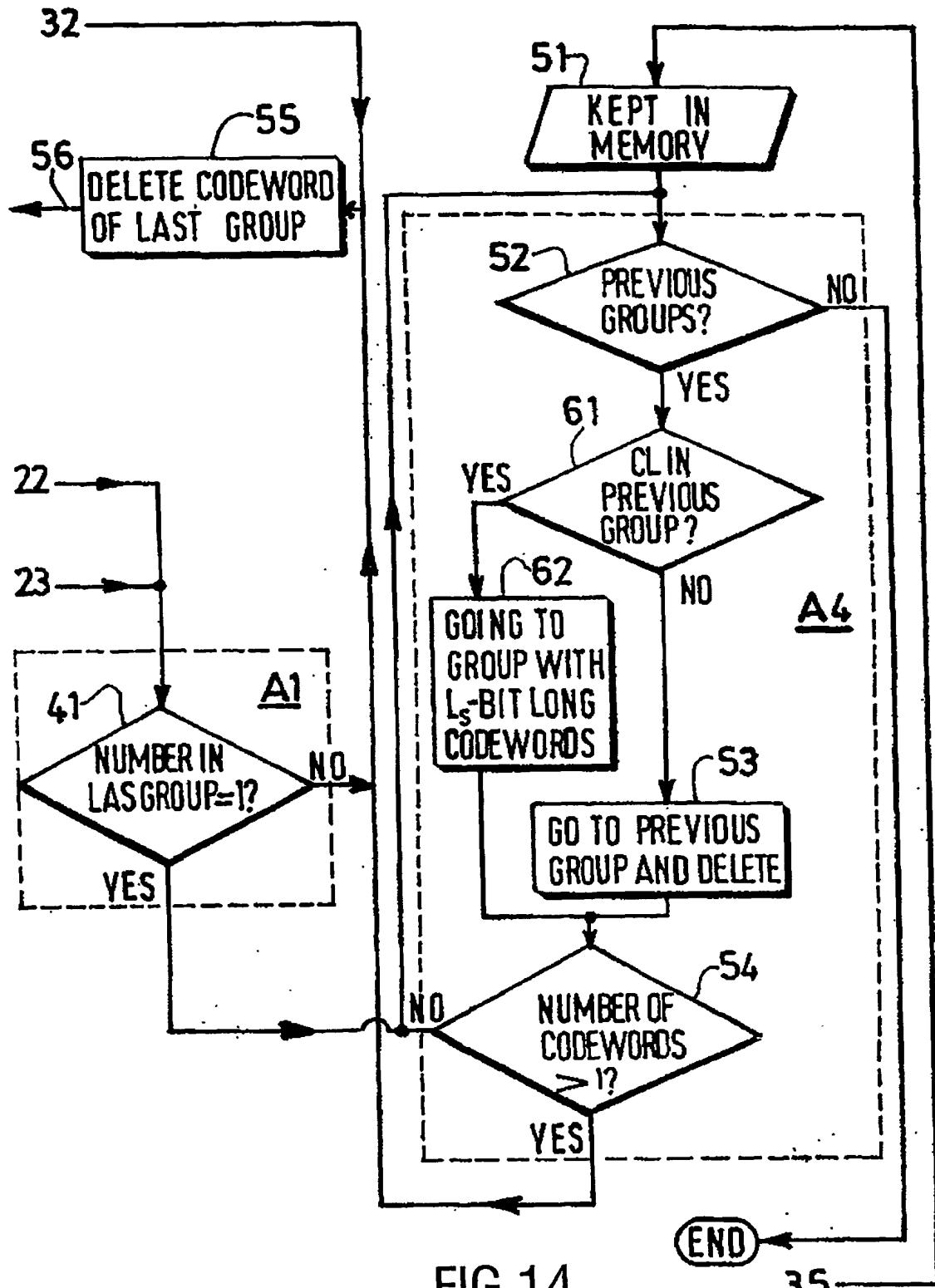


FIG.14

(END)

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FIG. 15

dtree	ls->	4	5	6	7	8	9	10	11	12	13	14	15
3 (L ₁ =4,L _{max} =13)	AL	n°	n°	6,63556	6,36550	6,35550	6,35330	6,3530	6,3530	x	x	x	x
5 (L ₁ =6,L _{max} =13)	AL	x	x	code	code	0,017s	0,08s	0,5s	3s	6,7s	11,5s	17s	x
7 (L ₁ =8,L _{max} =15)	AL	x	x	x	x	x	x	0,01s	0,03s	0,13s	0,5061	0,5061	x
	Time	x	x	x	x	x	x	0,02s	0,02s	0,07s	0,17s	0,6s	4,5s

L	ls->	5	6	7	8	9	10	11
9	AL	x	x	x	x	9,3728	9,3728	9,3728
	Time	x	x	x	x	1,7s	100s	3h
8	AL	x	x	x	x	8,8570	8,7575	8,7537
	Time	x	x	x	x	0,7s	21s	18min
7	AL	x	x	n°	8,5643	8,3413	8,3055	8,2937
	Time	x	x	code	5s	3min	2h	13h
6	AL	x	n°	n°	8,4905	8,1186	8,0737	not simulated
	Time	x	code	code	13s	8min	4h	
5	AL	n°	n°	n°	8,3133	8,0346	7,9586	7,9392
	Time	code	code	code	8s	8min	5h	1 Week

FIG. 16